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(71) Applicant (for all designated States except US):
PRONOVA BIOCARE AS [NO/NO]; P.O. Box 420,
N-1327 Lysaker (NO).

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(72) Inventors; and
(75) Inventors/Applicants (for US only): BRYHN,
Morten [NO/NO]; Storgaten 43, N-3060 Svelvik (NO).
KOPECKY, Jan [CZ/CZ]; Rozsirena 23, 182 00 Praha 8
(CZ).

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(54) Title: USE OF A FATTY ACID COMPOSITION COMPRISING AT LEAST ONE OF EPA AND DHA OR ANY COMBINATIONS THEREOF

(57) **Abstract:** This invention relates to a method for treatment and prevention of obesity, an overweight condition or for controlling body weight reduction, wherein an effective amount of a fatty acid composition comprising at least one of (all-Z omega-3)-5,8,11,14,17-eicosapentaenoic acid (EPA) and (all-Z omega-3)-4,7,10,13,16,19-docosahexaenoic acid (DHA) or any combinations thereof, is administered to a human or an animal. The present invention also relates to use of the fatty acid composition above for manufacture of a medicinal product for controlling body weight reduction, and for treatment and prevention of obesity or an overweight condition. Moreover, the present invention also relates to use of a fatty acid composition comprising at least one of EPA and DHA or any combinations thereof, for the manufacture of a food stuff or food supplement for controlling and supporting body weight reduction and for prevention of body weight gain. Additionally, the present invention also includes a dietary product containing a fatty acid composition comprising at least one of EPA and DHA or any combinations thereof, for non-medical treatment of obesity, an overweight condition and/or for supporting and controlling body weight reduction. Finally, the present invention relates to a method for supplementing a dietary product with a fatty acid composition mentioned above.